

004  
1-15-04

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	28	(slipstream slip-stream) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L2	7	("4991080"   "5392391"   "5787285"   "5802337"   "5961631"   "5996060"   "6415356").PN.	USPAT	OR	OFF	2008/01/25 10:41
L3	3	("4991080"   "5392391"   "5787285").PN.	USPAT	OR	OFF	2008/01/25 10:41
L4	4	"6415356".URPN.	USPAT	OR	OFF	2008/01/25 10:41
L5	10	("4648034"   "4729093"   "4991080"   "5029073"   "5155828"   "5504930"   "5507000"   "5761506"   "5771391"   "5838984").PN.	USPAT	OR	OFF	2008/01/25 10:41
L6	1	(load near2 order\$3 near2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L7	1	(load adj2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L8	4	mispredicted near3 load with bit	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L9	40	mispredicted near3 load	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L10	64	store with match\$3 with load near3 buffer	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L11	530	718/106.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L12	376	712/34.ccls.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L13	5	("6161167" "6233599" "6598122" "6629271" "6757811").pn.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L14	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/25 10:41
L15	1	"6757811".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L16	1178	((help\$3 lead\$3 trail\$3) with thread) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L17	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L18	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L19	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41

## EAST Search History

L20	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 10:41
L21	141	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L22	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L23	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L24	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 10:41
L25	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L26	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L27	10	("4648034"   "4729093"   "4991080"   "5029073"   "5155828"   "5504930"   "5507000"   "5761506"   "5771391"   "5838984").PN.	USPAT	OR	OFF	2008/01/25 10:41
L28	1	(load near2 order\$3 near2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L29	3	("4991080"   "5392391"   "5787285").PN.	USPAT	OR	OFF	2008/01/25 10:41
L30	40	mispredicted near3 load	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L31	4	mispredicted near3 load with bit	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L32	64	store with match\$3 with load near3 buffer	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L33	1	(load adj2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L34	7	("4991080"   "5392391"   "5787285"   "5802337"   "5961631"   "5996060"   "6415356").PN.	USPAT	OR	OFF	2008/01/25 10:41
L35	4	"6415356".URPN.	USPAT	OR	OFF	2008/01/25 10:41
L36	530	718/106.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41

## EAST Search History

L37	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/25 10:41
L38	5	("6161167" "6233599" "6598122" "6629271" "6757811").pn.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L39	376	712/34.ccls.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L40	1	"6757811".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/25 10:41
L41	1178	((help\$3 lead\$3 trail\$3) with thread) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L42	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L43	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L44	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L45	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L46	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 10:41
L47	141	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L48	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L49	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/25 10:41
L50	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L51	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L52	497	(run-ahead "run ahead" (run\$4 near2 ahead)) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/25 10:41
L53	41	(run-ahead "run ahead" (run\$4 near2 ahead)) with execut\$3 and (stream thread) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/25 10:41

## EAST Search History

L54	40	multiprocessor same (predict\$3 mispredict\$3) with shar\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L55	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/25 10:41
L56	1	("6757811").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/25 10:41
L57	28	(slipstream slip-stream) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L58	5	(run-ahead "run ahead" (run\$4 near2 ahead)) with execut\$3 same (predict\$3 mispredict\$3) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/25 10:41
L59	54	redundant\$2 with (stream thread processor program) same (predict\$3 mispredict\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L60	9	redundant\$2 with (stream thread processor program) same (predict\$3 mispredict\$3) same branch\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
L61	35	multiprocessor same (predict\$3 mispredict\$3) near4 shar\$3	US-PGPUB; USPAT	OR	ON	2008/01/25 10:41
S1	409	718/106.ccls.	US-PGPUB; USPAT	OR	OFF	2004/09/16 09:09
S2	236	712/34.ccls.ccls.	US-PGPUB; USPAT	OR	OFF	2004/09/16 09:42
S3	11	(slipstream slip-stream) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2004/09/15 14:54
S4	7	("4991080"   "5392391"   "5787285"   "5802337"   "5961631"   "5996060"   "6415356").PN.	USPAT	OR	OFF	2004/09/14 16:24
S5	3	("4991080"   "5392391"   "5787285").PN.	USPAT	OR	OFF	2004/09/14 16:30
S6	1	"6415356".URPN.	USPAT	OR	OFF	2004/09/14 16:30
S7	10	("4648034"   "4729093"   "4991080"   "5029073"   "5155828"   "5504930"   "5507000"   "5761506"   "5771391"   "5838984").PN.	USPAT	OR	OFF	2004/09/14 16:31
S8	1	(load near2 order\$3 near2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2004/09/15 14:57
S9	1	(load adj2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2004/09/15 15:21

## EAST Search History

S10	1	mispredicted near3 load with bit	US-PGPUB; USPAT	OR	ON	2004/09/15 15:22
S11	28	mispredicted near3 load	US-PGPUB; USPAT	OR	ON	2004/09/15 16:30
S12	54	store with match\$3 with load near3 buffer	US-PGPUB; USPAT	OR	ON	2004/09/15 16:30
S13	5	("6161167" "6233599" "6598122" "6629271" "6757811").pn.	US-PGPUB; USPAT	OR	OFF	2005/06/01 09:58
S14	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/01 14:18
S16	1	"6757811".pn.	US-PGPUB; USPAT	OR	OFF	2005/10/05 15:45
S17	20	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2005/10/06 13:50
S18	6	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2005/10/06 13:51
S19	10	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 13:52
S20	704	((help\$3 lead\$3 trail\$3) with thread) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2005/10/06 13:50
S21	99	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc.	US-PGPUB; USPAT	OR	ON	2005/10/06 13:53
S22	20	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2005/10/06 13:51
S23	4	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2005/10/06 13:54
S24	6	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2006/03/03 15:24
S25	10	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 15:24
S26	4	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$. ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2006/03/03 15:25
S27	20	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2006/03/03 15:25
S28	28	(slipstream slip-stream) and g06f\$. ipc.	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29

## EAST Search History

S29	7	("4991080"   "5392391"   "5787285"   "5802337"   "5961631"   "5996060"   "6415356").PN.	USPAT	OR	OFF	2008/01/24 17:29
S30	3	("4991080"   "5392391"   "5787285").PN.	USPAT	OR	OFF	2008/01/24 17:29
S31	4	"6415356".URPN.	USPAT	OR	OFF	2008/01/24 17:29
S32	10	("4648034"   "4729093"   "4991080"   "5029073"   "5155828"   "5504930"   "5507000"   "5761506"   "5771391"   "5838984").PN.	USPAT	OR	OFF	2008/01/24 17:29
S33	1	(load near2 order\$3 near2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S34	1	(load adj2 buffer) same tag same valid\$3 same thread same (ID number opcode)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S35	4	mispredicted near3 load with bit	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S36	40	mispredicted near3 load	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S37	64	store with match\$3 with load near3 buffer	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S38	530	718/106.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/24 17:29
S39	376	712/34.ccls.ccls.	US-PGPUB; USPAT	OR	OFF	2008/01/24 17:29
S40	5	("6161167" "6233599" "6598122" "6629271" "6757811").pn.	US-PGPUB; USPAT	OR	OFF	2008/01/24 17:29
S41	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/24 17:29
S42	1	"6757811".pn.	US-PGPUB; USPAT	OR	OFF	2008/01/24 17:29
S43	1178	((help\$3 lead\$3 trail\$3) with thread) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S44	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S45	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S46	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S47	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 17:29

## EAST Search History

S48	141	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S49	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S50	11	parallel with redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S51	11	(parallel simultaneous\$2) with redundant\$2 with thread\$3	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/24 17:29
S52	7	((help\$3 lead\$3 trail\$3) with thread) same (pass\$3 predict\$3) and g06f\$.ipc. and (712/?ccls. 718/?ccls. 714/?ccls.)	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S53	24	simultaneous\$2 near4 redundant\$2 with thread\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:29
S54	1	("6757811").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 17:34
S55	3	("5758142"   "5904732"   "5933860").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 17:35
S56	497	(run-ahead "run ahead" (run\$4 near2 ahead)) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 17:36
S57	41	(run-ahead "run ahead" (run\$4 near2 ahead)) with execut\$3 and (stream thread) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 17:36
S59	5	(run-ahead "run ahead" (run\$4 near2 ahead)) with execut\$3 same (predict\$3 mispredict\$3) and g06f\$.ipc.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/24 17:37
S61	54	redundant\$2 with (stream thread processor program) same (predict\$3 mispredict\$3) and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/24 17:41
S62	9	redundant\$2 with (stream thread processor program) same (predict\$3 mispredict\$3) same branch\$3 and g06f\$.ipc.	US-PGPUB; USPAT	OR	ON	2008/01/24 17:41
S63	40	multiprocessor same (predict\$3 mispredict\$3) with shar\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:45
S64	35	multiprocessor same (predict\$3 mispredict\$3) near4 shar\$3	US-PGPUB; USPAT	OR	ON	2008/01/24 17:45